

The Red Tide



What are the differences?

Why do you think one beach looks different from the other?



How do you think these pictures are connected?



But, what is the Red Tide?

The Red Tide is caused by plants that grow in the sea called algae.

Or, this!



Algae can look like this.



Algae can come in all sorts of shapes, sizes, and colors.



Algae is natural and even healthy for the environment.

So, why is the Red Tide
harming fish?

The Red Tide is caused
by algae growing out
of control.



This algae keeps
growing till the water is
filled with way too
much algae.

Did you know that the Red Tide isn't always red? The algae that cause it can be orange or even green!



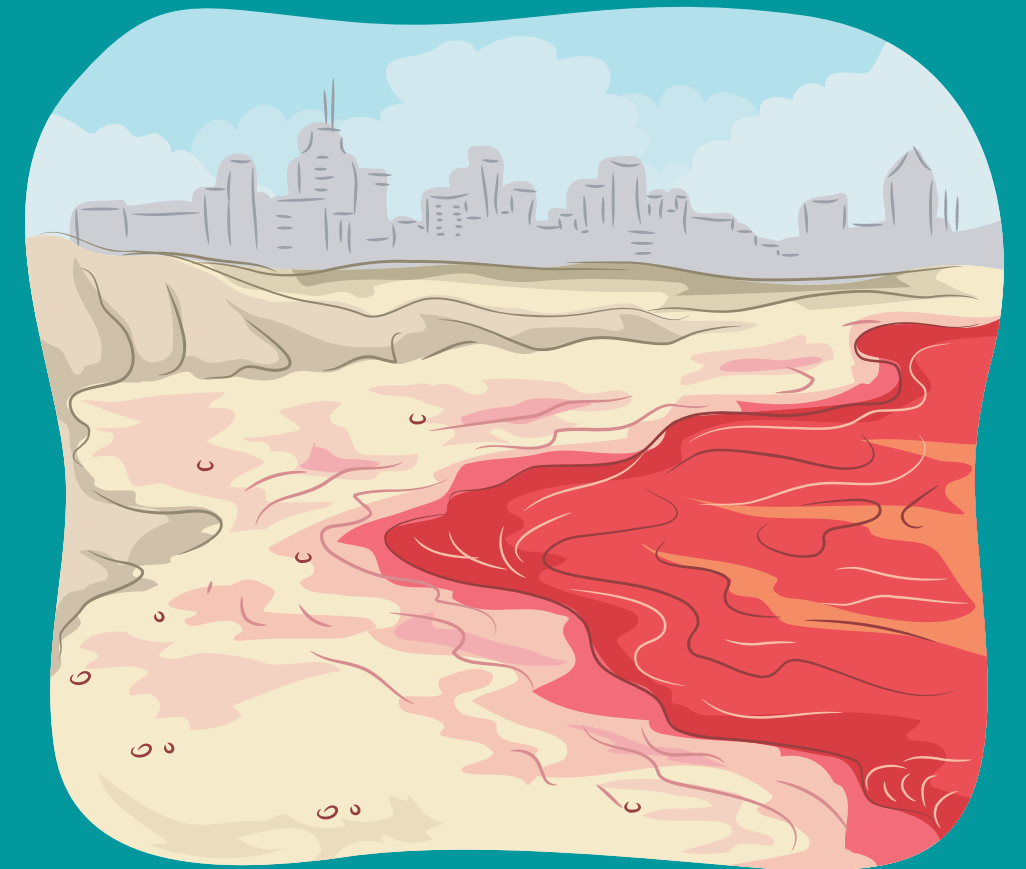
The species of algae that mainly causes Florida's Red Tides is called *Karenia brevis*, or K. brevis.

The Red Tide can also be called a
Harmful Algal Bloom.

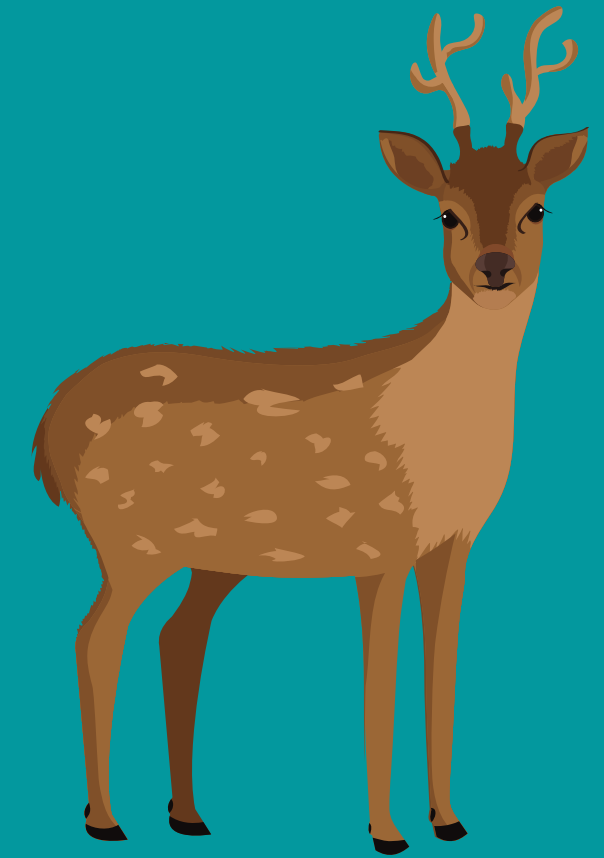


Or, a HAB for short.

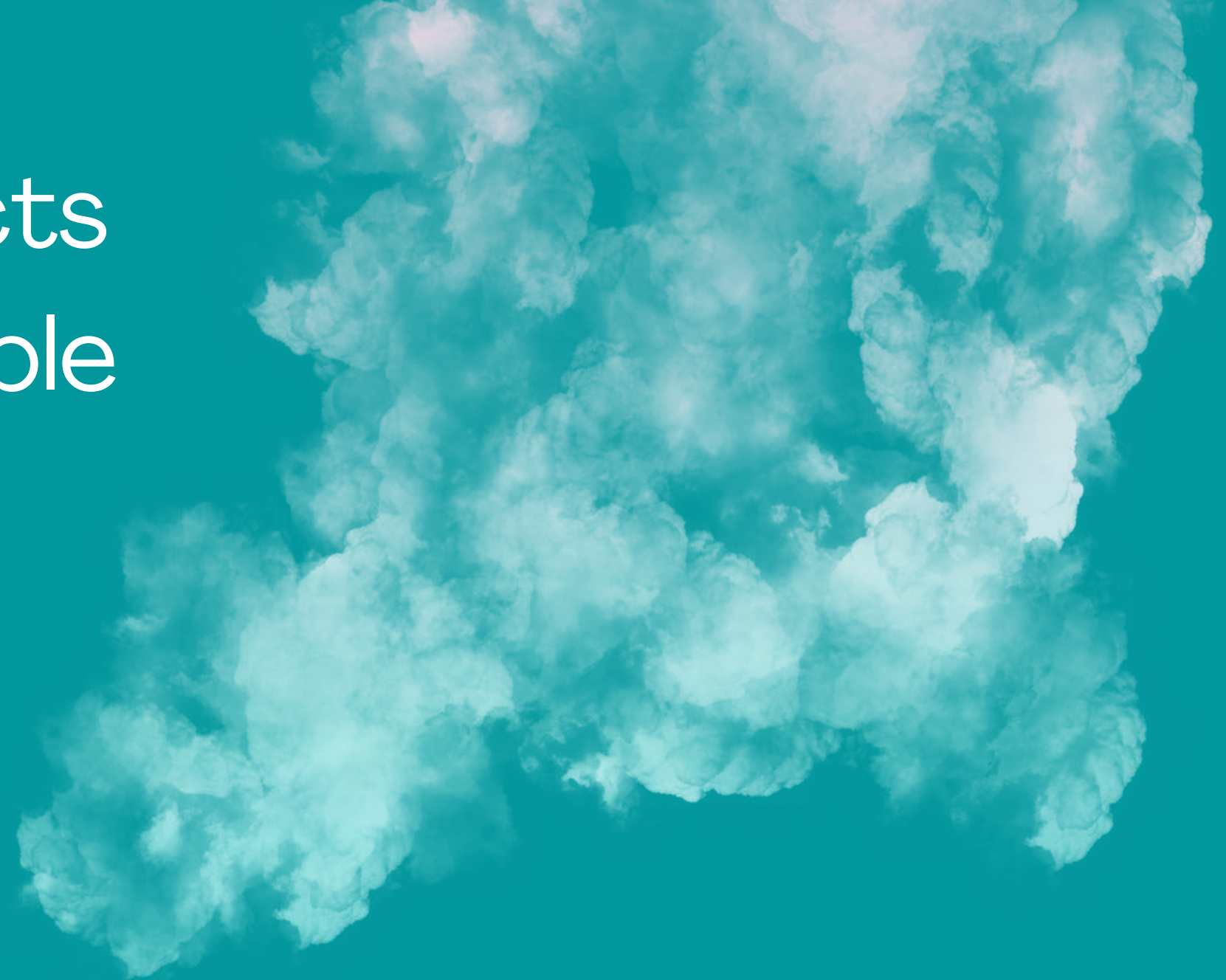
One of the main things that helps Harmful Algal Blooms occur is pollution.



Harmful Algal Blooms are terrible for the environment since they harm wildlife. Red tides affect not only sea animals, but land animals as well.



The Red Tide not only affects animals but can affect people too.



The fumes released by the algae can make people cough and have a stinging throat.



Because of this, beaches are often closed, and beachgoers are told to not enter the water.

So, how can I help?

First, try to use fertilizers that are natural and don't have chemicals, since the chemicals in fertilizers help algae to grow out of control.



Next, try to conserve water, since runoff, or water that isn't absorbed by the soil, carries chemicals to the oceans.



Finally, try to make people more aware of the effects and dangers of the Red Tide and how to prevent them.



The Red Tide is terrible for us, the
health of animals, and the
environment.



But, if we follow
the steps to
prevent the Red
Tide, we can stop
Harmful Algal
Blooms from
happening and
can save our
environment.



Fin.